

Sheet 1 of 1

#4

**Form PTO-1449 Modified  
List of Patents and Publications  
Cited by Applicant  
(Use several sheets if necessary)  
U.S. Patent Department of Commerce  
Patent and Trademark Office**

Docket No.:  
34645-00493USPT

Serial No.:  
09/779,020

Applicant:

Masayuki Ariyoshi et al.

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MAY 23 2001

Filing Date:

February 7, 2001

Group: Technology Center  
2631

**U.S. PATENT DOCUMENTS**

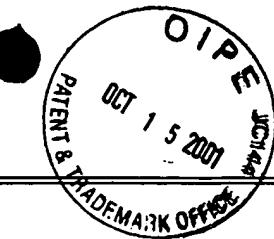
Examiner Initial		Document No.	Date	Name	Class	Subclass
QG	AA	5,629,929	05/13/97	Blanchard et al.	370	201
QG	AB	5,671,247	09/23/97	Souissi et al.	375	200
QG	AC	5,719,899	02/17/98	Thielecke et al.	375	206
QG	AD	5,793,796	08/11/98	Hulbert et al.	375	206

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation	
					Yes	No
	BA					
	BB					
	BC					
	BD					
	BE					
	BF					

EXAMINER: *John G. Lee*

DATE CONSIDERED: 8/4/04



Sheet 1 of 1

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Examiner Initial		Document No.	Date	Name	Class	Subclass
	A-1					

**OTHER DOCUMENTS**

**Author, Title, Pertinent Pages, Etc.**

PG	C-1	European Standard Search Report, File RS 106515 US, Sept. 27, 2001, pp. 1-2.
PG	C-2	Ma, Y. et al., "Systematic Approach to Multistage Linear Successive Interference Cancellation for Multiuser Detection in Dynamic Asynchronous CDMA Systems"; Electronics Letters, IEE Stevenage, GB, Vol. 35, No. 3, 4 February 1999 (1999-02-04), pages 208-209.
PG	C-3	Kim, S.R. et al., "Multi-Mode Subtractive Interference Cancellation for Asynchronous Multi-Path Channels"; 1999 IEEE 49th Vehicular Technology Conference, Houston, Texas; May 16-20, 1999, IEEE Vehicular Technology Conference, New York, NY: IEEE, US, Vol. 2 Conf. 49, 16 May 1999 (1999-05-16), pages 1430-1434.
PG	C-4	Oon Tik-Ben et al., "Cancellation Frame Size for a Quasi-Single-Bit Detector in Asynchronous CDMA Channel"; Electronics Letters, IEE Stevenage, GB, Vol. 33, No. 4; 13 February 1997 (1997-02-13); pages 258-259.

EXAMINER: *Subba*

DATE CONSIDERED: 8/9/04



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**Group:**  
2631

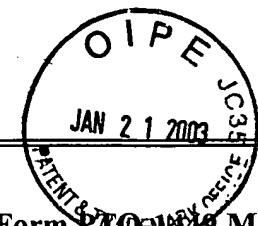
**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation	
					Yes	No
QG	B-1	EPO 823796A2	2/11/1998	European Patent Office		
QG	B-2	EPO 930727A2	7/21/99	European Patent Office	RECEIVED	JAN 28 2003

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QG	C-1	S. Verdu, "Minimum Probability of Error for Asynchronous Gaussian Multiple-Access Channels," IEEE Trans. On IT, Vol. 32, No. 1, January 1986, pp 85-96
QG	C-2	R. Lupas and S. Verdu, "Linear Multiuser Detectors for Synchronous Code-Division Multiple-Access Channels," IEEE Trans. On IT, Vol. 35, No. 1, January 1989, pp. 123-136
QG	C-3	M.K. Varanasi and B. Aazhang, "Multistage Detection in Asynchronous Code-Division Multiple-Access Communications," IEEE Trans. On Comm., Vol. 38, No. 4, April 1990, pp. 509-519
QG	C-4	P. Dent, B. Gudmundson and M. Ewerbring, "CDMA-IC: A Novel Code Division Multiple Access Scheme Based on Interference Cancellation," Proc. IEEE VTC 1992, pp. 98-102.
QG	C-5	Y.C. Yoon, R. Kohno and H. Imai, "A Spread Spectrum Multiaccess System with Cochannel Interference Cancellation for Multipath Fading Channels," IEEE JSAC., Vol. 11, No. 7, April 1993, pp. 1067-1075.



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Form PTO-5479 Modified		Docket No.: 34645-00493USPT	Serial No.: 09/779,020
<b>List of Patents and Publications Cited by Applicant (Use several sheets if necessary)</b>		<b>Applicants:</b> Masayuki ARIYOSHI et al.	
<b>U.S. Patent Department of Commerce Patent and Trademark Office</b>		Filing Date: February 7, 2001	Group: 2631
Q6	C-6	G. Bottomley, "Improved Successive Cancellation of DS-CDMA Signals Using Signal Orthogonalization," Proc. IEEE ICUPC 1996, pp. 141-144.	
Q6	C-7	K. Jamal and E. Dahlman, "Multi-Stage Serial Interference Cancellation for DS-CDMA," Proc. IEEE VTC 1996.	

Date Examined:	Examiner: 	RECEIVED 8/4/04 JAN 23 2003
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